

Applicant: Yoshihide MATSUO
Application Serial No.: 10/797,360-
240

AMENDMENTS TO THE SPECIFICATION:

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Please replace paragraph [024] with the following amended paragraph.

MAY 23 2007

[024] The novel chemical substances 1 and 2 of the present invention can be produced using microorganisms. The microorganisms used for the chemical substance production of the present invention are not limited to the microorganisms exhibiting the ability to produce the chemical substance, and these include, for instance, strains that belong to the *Cytophaga-Flavobacterium-Bacteriodes* complex such as *Flavobacterium*, *Zobellia* and *Tenacibaculum* and the mutant strains derived from these strains. More specifically, they include YM-2-23 strain (FERM BP-8417), *Tenacibaculum* sp. YM-1-69 (FERM BP-8418), and the mutant strains derived from these strains. Instead of using the YM-1-69 strain and YM-2-23 strain, analogous strains of these strains may be used. The "analogous strains of YM-1-69 strain" include, for instance, strains exhibiting thallus forming activity or growth promoting activity against marine foliate green alga as well as the strains having higher than 85%, or higher than 95%, homology to the nucleotide sequence of the 16S rRNA V3 region gene described in ~~Sequence 1~~ by SEQ ID NO:1 or the strain having higher than 72%, or higher than 95% homology to the nucleotide sequence of the gyr B gene described in ~~Sequence 2~~ by SEQ ID NO:2. The "analogous strains of YM-2-23 strain" include, for instance, the strains exhibiting the thallus forming activity or growth promoting activity against marine foliate green alga as well as the strains having higher than 85%, or higher than 95%, homology to the nucleotide sequence of the 16S rRNA V3 region gene described in ~~Sequence 3~~ by SEQ ID NO:3 or the strain having higher than 72%,

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higher than 80%, or higher than 95%, homology to the nucleotide sequence of the *gyr* B gene described in ~~Sequence 4~~ by SEQ ID NO:4.

Please replace paragraph [026] with the following amended paragraph.

[026] Among said strains, strains having [""]MBIC" in their names are available from the Marine Biotechnology Institute Culture Collection (MBIC) (3-75-1 Hirata Kamaishi-city, Iwate, Japan) (<http://seasquirt.mbio.co.jp/mbic/index.php?page=top>). Strains having "IFO" in their names are available from the Institute for Fermentation, Osaka (IFO) (17-85 2-chome Honmachi Juso Yodogawa-ku, Osaka, Osaka, Japan), strains having "ATCC" in their names are available from American Type Culture Collection (ATCC) (12301 Parklawn Drive, Rockville, Maryland 20852, U.S.A.), strains having "DSM" in their name are available from Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH (DSMZ) (Mascheroder Weg 1b, 38124 Braunschweig, Germany), and strains having "LMG" in their name are available from BCCM™/LMG Bateria Collection (Belgian Co-ordinated Collections of Micro-organisms, Laboratorium voor Microbiologie, Universiteit Gent (RUG), K. L. Ledeganckstraat 35, B-9000 Gent, Brussels, Belgium).

Please replace Table 1, which precedes paragraph [067] on page 21 with the following amended Table. Underlining in the prior table has been replaced with italics.

Table 1

Sequence	Homology (%)	Organisms with Related Sequences	Accession Number
[1] SEQ ID NO:1	95.26	<i>Tenacibaculum amylolyticum</i>	AB032505
[2] SEQ ID NO:2	94.18	<i>Zobellia uliginosa</i>	M62799
[3] SEQ ID NO:3	84.91	<i>Tenacibaculum amylolyticum</i>	AB032586
[4] SEQ ID NO:4	78.18	<i>Zobellia uliginosa</i>	AB034224